U S E R M A N U A L

S t u d i o M o n i t o r s
with ribbon tweeter

Pro Ribbon 5 – Pro Ribbon 8

Prodipe®

Precaution

Thank you for purchasing this digital appliance. To ensure perfect operation and security, please read the manual carefully and retain it for future reference.

Safety Precautions

The lightning flash with the arrowhead symbol in an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” inside the appliance that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Important Safety Instructions

(Figure 1)

1) Read these instructions.
2) Retain these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this appliance near water.
6) Clean only with a dry cloth.
7) Do not block any of the ventilation openings that were installed in accordance with the manufacturer’s instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the plug provided does not fit into your outlet, consult an electrician to ensure replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits from the appliance.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the appliance. If using a cart, be careful when moving the cart/appliance combination to avoid injury from tip-over (Figure 1).
13) Unplug this appliance during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the appliance has been damaged in any way, for example, the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen inside the appliance, the appliance has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: The appliance should not be exposed to drips or splashes of water. Objects filled with liquids, such as vases, should not be placed on the appliance.

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1 – Introduction

We would like to thank you for having chosen our PRODIPE products.

Safety Precautions

For your security and for the correct implementation of this product, please read the safety precautions on the inside cover page.

Caution, if you want to reduce the risk of being electrocuted, do not remove the rear panel on this product. Please contact your retailer or a qualified technician for any maintenance that needs to be carried out.

When the volume is high, this system can produce noise levels that could permanently damage your hearing.

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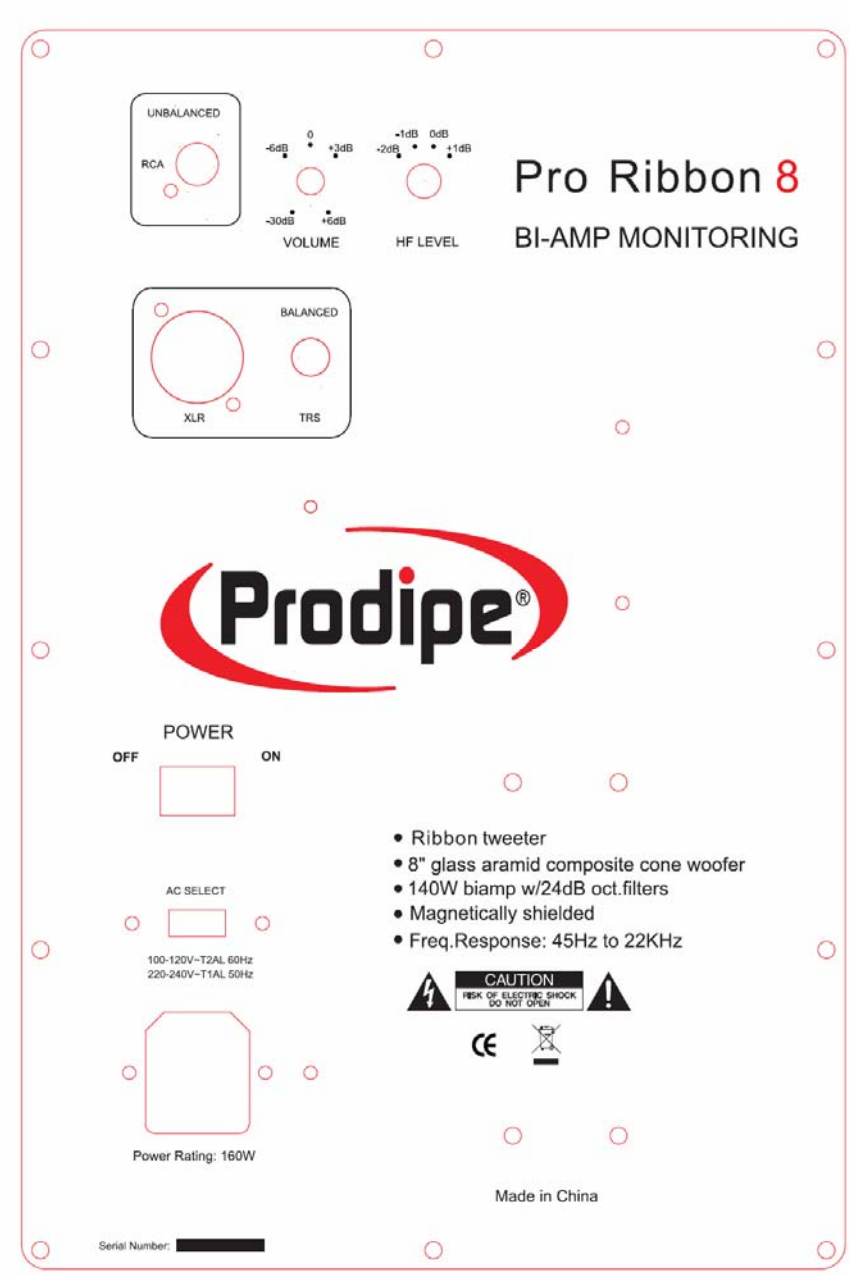

Figure 1 – Rear Panel for the Pro Ribbon 5 /Pro Ribbon 8

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2 – Connections

To ensure the proper implementation of your monitor system, please adhere to the following procedures at all times:

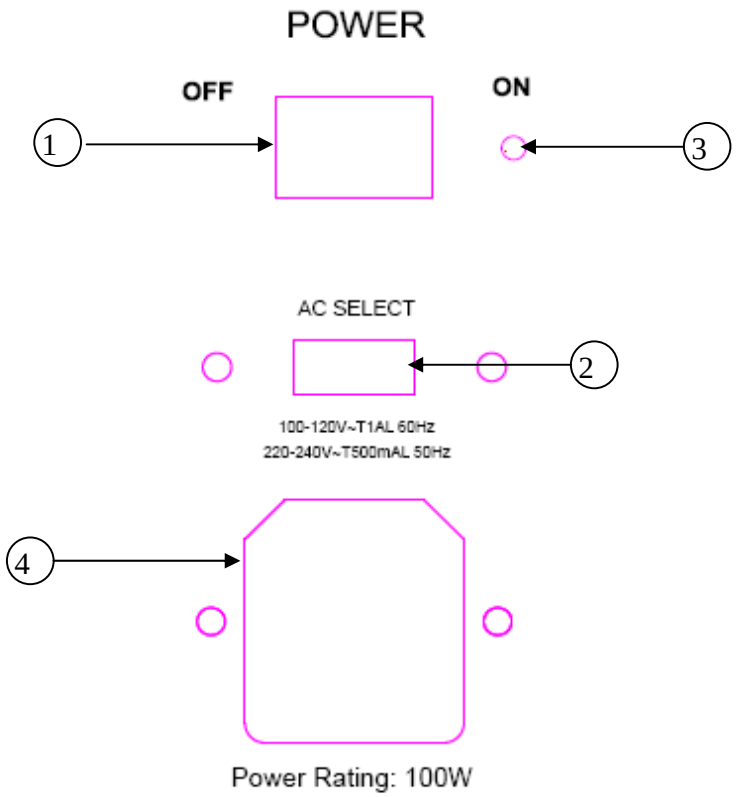
1. Check your audio lead.
2. Switch on the other equipment you intend to use (audio mixer, PC, audio source, etc.)
3. Check your monitor settings and the settings of your audio sources (lowest volume).
4. Check the voltage ②, switch on the Prodipe monitors by putting switch ① in the ON position and the blue LED ③ will light up.

Note that: when you want to shut everything down, the Prodipe monitors must be switched off first (Switch ① in the OFF position and the blue LED ③ off).

Careful: choosing the 'AC Select' ② voltage depends on your power supply. You should make any changes when the system has been switched off (Switch ① in the OFF position and the power supply lead unplugged).

	Pro Ribbon 5		Pro Ribbon 8	
SOURCE	100V – 120V	220V – 240V	100V – 120V	220V – 240V
AC SELECT ②	115V	230V	115V	230V
FUSIBLE ④	1A	500mA	2A	1A

Figure 2



Power Rating: 100W

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3 - Settings

There are different settings on the rear panels of your monitors:

VOLUME

You can adjust the gain setting at the back of the monitor using the changeover switch in Figure 3.
It can be set from -30dB to +6dB.

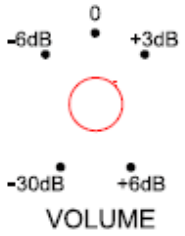

Figure 3

ADJUSTING THE HIGH FREQUENCIES (HF LEVEL)

You can adjust the high frequencies at the back of the monitor (Figure 4).
The possible values are +1dB, 0dB (flat), -1dB, or -2dB at around 2 kHz.

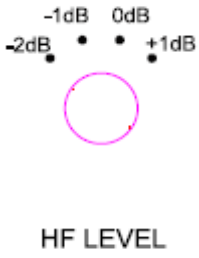

Figure 4

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4 – Audio Inputs/Outputs

The XLR and TRS connectors are balanced whilst the RCA connectors are unbalanced.

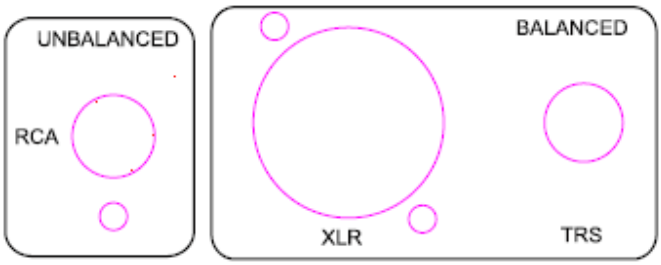


Figure 5 – TRS, XLR, RCA inputs for Pro Ribbon 5 and Pro Ribbon 8

5 – Monitor Layout

The Prodipe studio monitors can be placed in a vertical or horizontal position.

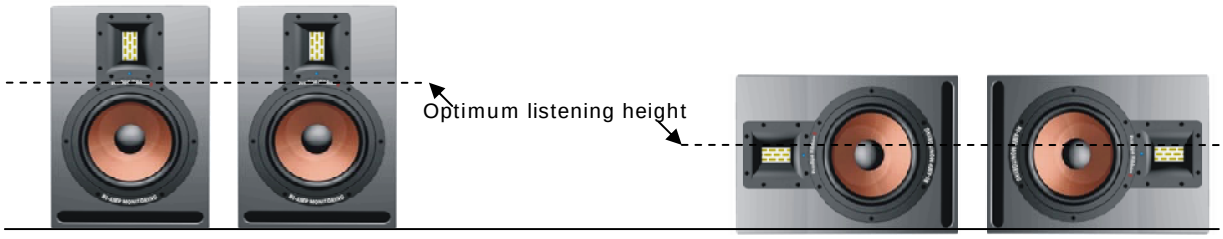
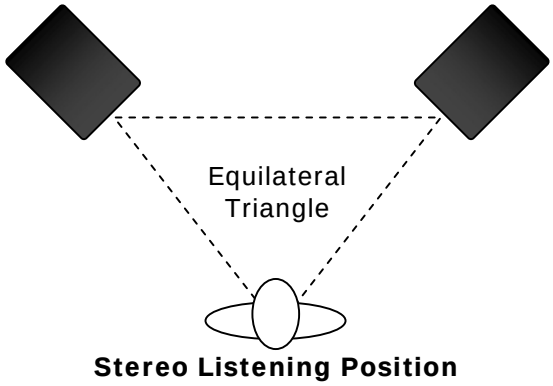


Figure 6

Positioning in Stereo



Stereo Listening Position

Figure 7

When designing a studio layout, the positioning of the monitors is of the utmost importance. Reflection is the most common acoustics problem.

As shown in Figure 8, the position of a monitor in relation to an audio mixer can change the sound waves and hence distort how you perceive your sound production.

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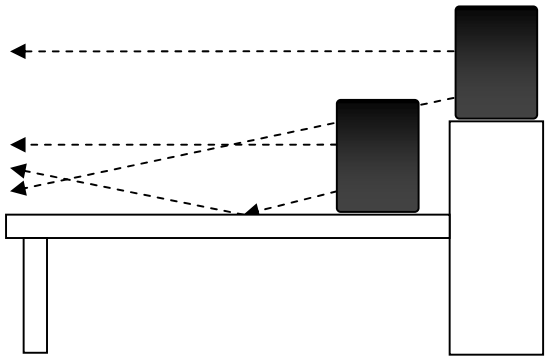

Figure 8

Positioning for 5.1 Surround

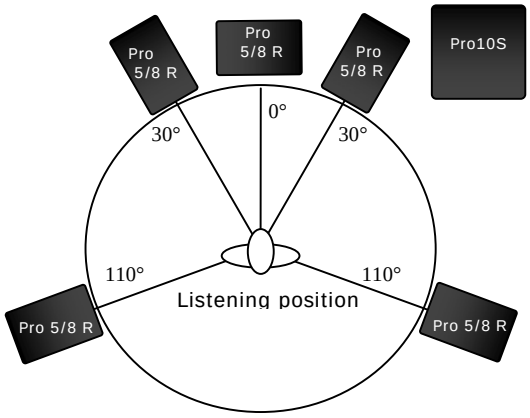

Figure 9

We have provided the angles and the distance ratios for your information based on studies from sound engineers. Nevertheless, the room acoustics themselves might be such that this information is not always accurate and therefore the best way to optimize the positioning for a 5.1 surround is by testing out a number of positions.

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6 - Specifications

	Pro Ribbon 5	Pro Ribbon 8
Frequency Response	50Hz -30kHz	45Hz -30kHz
High Frequency Driver	1” x 2" Ribbon tweeter	1” x 2" Ribbon tweeter
Low Frequency Driver	5” (150 mm) Glass Aramid Composite Cone Rubber surround	8” (220 mm) Glass Aramid Composite Cone Rubber surround
AMPLIFICATION Power	75 Watts	140 Watts
Signal to Noise Ratio (HF/LF) T.H.D%(HF/LF)	82dB / 90dB 0.05% / 0.02%	86dB / 97dB 0.09% / 0.01%
Input Impedance Balanced Unbalanced	 10K OhmS 10K OhmS	 10K OhmS 10K OhmS
CROSSOVER FREQUENCY Crossover Frequency Subsonic Filter	 3.0KHz 45Hz	 2.4KHz 35Hz
FUSE 5mm x 20mm 100V - 120V 220V - 240V	 1A 500mA	 2A 1A
FEATURES	1 XLR Input 1 TRS Input 1 RCA Input IEC Mains Connector VOLUME Control HF LEVEL Control Blue LED Power Indicator	1 XLR Input 1 TRS Input 1 RCA Input IEC Mains Connector VOLUME Control HF LEVEL Control Blue LED Power Indicator
Dimensions (H x W x D) in mm	291 x 196 x 240	381 x 265 x 316
Net Weight (per unit)	7 Kg	13 Kg

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Notes :

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